

10th Class 2017

Chemistry	Group-I	Paper-II
Time: 15 Minutes	(Objective Type)	Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- **Night-blindness is because of deficiency of:**
(a) Vitamin C (b) Vitamin E
(c) Vitamin A ✓ (d) Vitamin D
- 2- **Swimming pools are cleaned by a process:**
(a) Hydrogenation
(b) Bromination
(c) Chlorination ✓
(d) Nitration
- 3- **The general formula of alkanes is:**
(a) C_nH_{2n+1} (b) C_nH_{2n+2} ✓
(c) C_nH_{2n-1} (d) C_nH_{2n-2}
- 4- **At sea level, the boiling point of water is:**
(a) 0°C (b) 98°C
(c) 100°C ✓ (d) 110°C
- 5- **The units of molar concentration are:**
(a) $\text{mol}^{-1}\text{dm}^{-3}$ (b) $\text{mol}^{-1}\text{dm}^3$
(c) mol dm^3 (d) mol dm^{-3} ✓
- 6- **Which gas protects earth's surface from ultraviolet radiations:**
(a) O_3 ✓ (b) CO_2
(c) CO (d) N_2

If $Q_c > K_c$, the reaction will be in:

- (a) Chemical equilibrium
- (b) Static equilibrium
- (c) Reverse direction ✓
- (d) Forward direction

Which one of the following is tasteless compound:

- (a) Starch ✓
- (b) Glucose
- (c) Fructose
- (d) Sucrose

Which acid is used as an electrolyte in lead storage batteries:

- (a) Citric acid
- (b) Formic acid
- (c) Uric acid
- (d) Sulphuric acid ✓

In product of Lewis acid-base reaction, the bond between the adduct species is:

- (a) Ionic
- (b) Covalent
- (c) Metallic
- (d) Coordinate covalent ✓

Which fraction of the following is used as jet fuel:

- (a) Kerosene oil ✓
- (b) Lubricating oil
- (c) Fuel oil
- (d) Petroleum ether

In laboratory, urea was prepared first time by:

- (a) Wohler ✓
- (b) Rutherford
- (c) Berzellius
- (d) Dalton